

**Attorney Docket No. G006E**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: ) Prior Application: 09/597,039  
George A. Plesko )  
Serial No.: TBD ) Group Art Unit: 2872  
Filed: TBD ) Examiner: J. Phan

For: GYRATING PROGRAMMABLE SCANNER

**PRELIMINARY AMENDMENT**

Hon. Commissioner of Patents and Trademarks  
Washington, DC 20231

Sir:

Prior to examination, please amend this application as follows:

**IN THE TITLE**

Change the title to:

--MODULE FOR RECEIVING A LIGHT BEAM AND CONVERTING IT TO A SCANNING BEAM--

**IN THE CLAIMS**

Please cancel claims 1-28 and add the following claims on the attached page.

**IN THE ABSTRACT**

Cancel the Abstract on p. 32 and substitute the following:

A device for providing scanning movement of a light beam in a direction selected from at least one of the X and Y directions with respect to the beam direction, including a generally hollow support having an input aperture and an output aperture; and a scan element including a movable optical element disposed generally within the support, the optical element being adapted to receive through the input aperture an input light beam and to redirect the beam as a scanning output light beam traveling through the output aperture a direction which is generally the same as the input beam direction.--

**REMARKS**

The instant divisional application is directed to a scan element within a support which receives a light beam in an input aperture and redirects it through an output aperture as a scanning light beam. To expedite prosecution, a new set of claims 29-33 has been proposed. The new set of claims is directed to the invention of which is hereby elected for prosecution in this divisional.

Respectfully submitted,



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## New Claim

29. A device for providing scanning movement of a light beam in a direction selected from at least one of the X and Y directions with respect to the beam direction, comprising  
a generally hollow support having an input aperture and an output aperture;  
and  
a scan element including a movable optical element disposed generally within and supported by said support, said optical element being adapted to receive through said input aperture an input light beam traveling in an input beam direction and to redirect a received input light beam as a scanning output light beam traveling through said output aperture in an output beam direction which is generally the same as said input beam direction.
30. The device of Claim 29, wherein said scan element includes a generally tubular coil for imposing a motive force on said movable optical element, said coil having a coil axis which is generally parallel to said input and output beam directions.
31. The device of Claim 30, wherein said coil axis is generally coincident with said input or output beam directions.
32. The device of Claim 30, wherein said scan element includes a bobbin upon which said coil is wound, and said support includes said bobbin.

33. The device of Claim 29, further including a flexible suspension coupling said movable optical element to said support, said suspension having an aperture through which said light beam travels.